

January 31, 2013

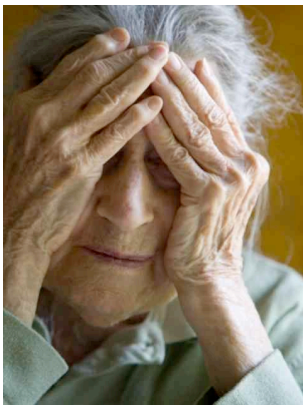
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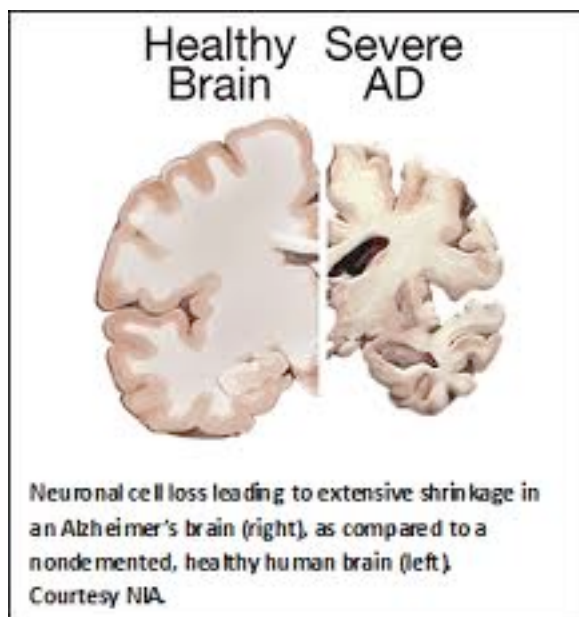
Dear Dr. Tsai,



My name is Kriti and I'm a student at Shekou International School. We are currently studying about Alzheimer's disease(AD) in Psychology class and while doing some research I found out that MIT is cutting back its research fund. I'm sending you this letter because I want to request to not do that. Alzheimer's disease is a serious brain disease where the symptoms is gradual but the progression is continuous and irreversible. The symptoms of AD are all related to memory even though symptoms such as difficulty speaking and understanding language, languages with focusing attention etc. These symptoms are all some how connected to memory. As AD progresses and starts getting worse they start

experiencing confusion, depression, hallucination, delusions, sleeplessness and loss of appetite. Even though AD doesn't effluence every memory system it does effect episodic memory the most significantly. Episodic memory is the prime factor of memory that involves the recollection of specific events, situation and experience. Without it you start forgetting events that happened in the past and it involves your memory of the time and location that the even occurred. Patients with Alzheimer's start to forget there Identity, there past and eventually how to system properly for example, swallowing food etc. A huge population develops Alzheimer's after the age of 65 or above. In 2001 treatment of Alzheimer's patients cost over £15 billion.

I know that you have done a lot of research since the early 1990's but the recent study that you did with you and



your colleagues found the drugs that work on the gene HDAC2 that can reverse the effects of Alzheimer's and boost cognitive functions in mice. Till now AD is incurable but your study shows that there can be a cure found. Cutting funds for research after gaining so much information about it will be a waste. I hope you consider my request.

Sincerely yours,

Kriti Gupta

Citations :

"Alzheimer's Disease - What You Need to Know." *Alzheimer's Disease - What You Need to Know*. N.p., n.d. Web. 30 Jan. 2013.

"NIH Fact Sheets - Alzheimer's Disease." *NIH Fact Sheets - Alzheimer's Disease*. N.p., n.d. Web. 30 Jan. 2013.